

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference W 676-037 Sm	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/SE2005/000308	International filing date (day/month/year) 03/03/2005	(Earliest) Priority Date (day/month/year) 05/03/2004
Applicant LUNDGREN, Dan		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the International application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/SE2005/000308

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61C8/00 A61B17/86

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61C A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 203 093 A (EDELMAN AND LINKHOW) 26 August 1970 (1970-08-26) page 2, lines 55-67; figures 1,8 page 3, lines 12-30	1-5, 10-14
Y	figure 3	8,15,16
X	US 5 433 607 A (SCHMID ET AL) 18 July 1995 (1995-07-18) column 4, lines 52-65; figure 3b column 10, line 68 - column 11, line 23	1-4,8, 11-14
X	US 4 531 916 A (SCANTLEBURY ET AL) 30 July 1985 (1985-07-30) column 1, lines 65-68; figures 1,2 column 3, lines 42-46 column 4, lines 30-33	1-4, 11-14
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

13 June 2005

Date of mailing of the international search report

27/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Pypen, C

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/SE2005/000308

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 359 318 A (GITTLEMAN ET AL) 16 November 1982 (1982-11-16) column 2, lines 35-38,47-50; figures 1,2 column 2, line 68 - column 3, line 4 column 6, lines 38-49 -----	8,15,16
A	WO 91/14404 A (TITANBRON I AAHUS AB) 3 October 1991 (1991-10-03) the whole document -----	1

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE2005/000308

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 6  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

Continuation of Box II.2

Claims Nos.: 6

The subject-matter of claim 6 relates to synchronic macro or micro threads. This feature is not a commonly used feature and has no well-known meaning. This feature has not been described in the description either. Hence, claim 6 lacks clarity.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/SE2005/000308

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 1203093	A	26-08-1970	NONE	
US 5433607	A	18-07-1995	CH 687672 A5 DE 4223153 A1 JP 5253247 A US 5306149 A	31-01-1997 21-01-1993 05-10-1993 26-04-1994
US 4531916	A	30-07-1985	AT 37283 T AU 570477 B2 AU 2995484 A CA 1246905 A1 DE 3474106 D1 DK 333184 A EP 0131831 A2 FI 842733 A ,B, GR 82119 A1 IE 55542 B1 JP 1628294 C JP 2052503 B JP 60085739 A NZ 208840 A PT 78856 A ,B ZA 8404873 A	15-10-1988 17-03-1988 10-01-1985 20-12-1988 27-10-1988 09-01-1985 23-01-1985 09-01-1985 13-12-1984 24-10-1990 20-12-1991 13-11-1990 15-05-1985 27-11-1987 01-08-1984 27-03-1985
US 4359318	A	16-11-1982	NONE	
WO 9114404	A	03-10-1991	SE 468339 B AU 7574691 A EP 0592406 A1 JP 5505952 T SE 9001020 A WO 9114404 A1	21-12-1992 21-10-1991 20-04-1994 02-09-1993 22-09-1991 03-10-1991